

Majid Shahgholi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2938001/publications.pdf>

Version: 2024-02-01

45
papers

706
citations

471061

17
h-index

580395

25
g-index

45
all docs

45
docs citations

45
times ranked

313
citing authors

#	ARTICLE	IF	CITATIONS
1	Vibration attenuation of a continuous rotor-blisk-journal bearing system employing smooth nonlinear energy sinks. <i>Mechanical Systems and Signal Processing</i> , 2017, 84, 128-157.	4.4	70
2	Primary and parametric resonances of asymmetrical rotating shafts with stretching nonlinearity. <i>Mechanism and Machine Theory</i> , 2012, 51, 131-144.	2.7	52
3	Primary resonances of a nonlinear in-extensional rotating shaft. <i>Mechanism and Machine Theory</i> , 2010, 45, 1067-1081.	2.7	49
4	Lateral vibration attenuation of a rotor under mass eccentricity force using non-linear energy sink. <i>International Journal of Non-Linear Mechanics</i> , 2014, 67, 251-266.	1.4	46
5	Vibration attenuation of a rotor supported by journal bearings with nonlinear suspensions under mass eccentricity force using nonlinear energy sink. <i>Meccanica</i> , 2015, 50, 2441-2460.	1.2	43
6	Vibration mitigation of a rotating beam under external periodic force using a nonlinear energy sink (NES). <i>JVC/Journal of Vibration and Control</i> , 2017, 23, 1001-1025.	1.5	35
7	Two-mode combination resonances of an in-extensional rotating shaft with large amplitude. <i>Nonlinear Dynamics</i> , 2011, 65, 217-233.	2.7	29
8	Free vibration analysis of a nonlinear slender rotating shaft with simply support conditions. <i>Mechanism and Machine Theory</i> , 2014, 82, 128-140.	2.7	29
9	Nonlinear vibration of axially moving simply-supported circular cylindrical shell. <i>Thin-Walled Structures</i> , 2020, 156, 107026.	2.7	25
10	Nonlinear vibration and stability analysis of an electrically actuated piezoelectric nanobeam considering surface effects and intermolecular interactions. <i>JVC/Journal of Vibration and Control</i> , 2017, 23, 1873-1889.	1.5	24
11	Nonlinear modal interactions and bifurcations of a piezoelectric nanoresonator with three-to-one internal resonances incorporating surface effects and van der Waals dissipation forces. <i>Nonlinear Dynamics</i> , 2017, 88, 1785-1816.	2.7	23
12	Dynamic stability and nonlinear vibration analysis of a rotor system with flexible/rigid blades. <i>Mechanism and Machine Theory</i> , 2016, 105, 633-653.	2.7	21
13	Stability analysis of a nonlinear rotating asymmetrical shaft near the resonances. <i>Nonlinear Dynamics</i> , 2012, 70, 1311-1325.	2.7	20
14	Parametric resonances of an electrically actuated piezoelectric nanobeam resonator considering surface effects and intermolecular interactions. <i>Nonlinear Dynamics</i> , 2016, 84, 1943-1960.	2.7	20
15	Free vibration and stability of an axially moving thin circular cylindrical shell using multiple scales method. <i>Meccanica</i> , 2019, 54, 2227-2246.	1.2	20
16	Nonlinear vibration analysis of a spinning shaft with multi-disks. <i>Meccanica</i> , 2015, 50, 2293-2307.	1.2	19
17	The effects of nonlinear energy sink and piezoelectric energy harvester on aeroelastic instability of an airfoil. <i>JVC/Journal of Vibration and Control</i> , 2022, 28, 1418-1432.	1.5	19
18	Hopf bifurcation analysis of asymmetrical rotating shafts. <i>Nonlinear Dynamics</i> , 2014, 77, 1141-1155.	2.7	17

#	ARTICLE	IF	CITATIONS
19	Internal, combinational and sub-harmonic resonances of a nonlinear asymmetrical rotating shaft. <i>Nonlinear Dynamics</i> , 2015, 79, 173-184.	2.7	17
20	Resonances of an in-extensional asymmetrical spinning shaft with speed fluctuations. <i>Meccanica</i> , 2013, 48, 103-120.	1.2	15
21	Forced Nonlinear vibration and bifurcation analysis of circular cylindrical nanocomposite shells using the normal form. <i>International Journal of Non-Linear Mechanics</i> , 2021, 134, 103733.	1.4	12
22	Stability analysis of an axially moving nanocomposite circular cylindrical shell with time-dependent velocity in thermal environments. <i>Mechanics Based Design of Structures and Machines</i> , 2021, 49, 659-688.	3.4	11
23	Dynamic bifurcations analysis of a micro rotating shaft considering non-classical theory and internal damping. <i>Meccanica</i> , 2018, 53, 3795-3814.	1.2	9
24	Resonance analysis of gyroscopic nonlinear spinning shafts with parametric excitations and speed fluctuations. <i>International Journal of Mechanical Sciences</i> , 2012, 64, 94-109.	3.6	8
25	Stability and bifurcations analysis of rotating shafts with base excitations. <i>Nonlinear Dynamics</i> , 2014, 78, 2847-2859.	2.7	8
26	Vibration analysis of the fully coupled nonlinear finite element model of composite drill strings. <i>Archive of Applied Mechanics</i> , 2020, 90, 1373-1398.	1.2	8
27	Nonlinear vibration analysis of an axially moving thin-walled conical shell. <i>International Journal of Non-Linear Mechanics</i> , 2021, 134, 103747.	1.4	8
28	Forced oscillations and stability analysis of a nonlinear micro-rotating shaft incorporating a non-classical theory. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , 2018, 34, 970-982.	1.5	6
29	Nonlinear dynamic and bifurcations analysis of an axially moving circular cylindrical nanocomposite shell. <i>International Journal of Mechanics and Materials in Design</i> , 2022, 18, 125-154.	1.7	6
30	Forced vibrations of nonlinear symmetrical and asymmetrical rotating shafts mounted on a moving base. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2019, 99, e201700097.	0.9	5
31	Nonlinear vibration, stability, and bifurcation of rotating axially moving conical shells. <i>Acta Mechanica</i> , 2022, 233, 3175-3196.	1.1	5
32	Dynamic analysis of slender rotor of vertically suspended centrifugal pumps due to various hydraulic design factors. <i>Archive of Applied Mechanics</i> , 2019, 89, 245-276.	1.2	4
33	Analysis of nonlinear vibrations and stability of rotating asymmetrical nano-shafts incorporating surface energy effects. <i>Continuum Mechanics and Thermodynamics</i> , 2018, 30, 783-803.	1.4	3
34	Time-delayed control of a nonlinear asymmetrical rotor near the major critical speed with flexible supports. <i>Mechanics Based Design of Structures and Machines</i> , 2020, , 1-26.	3.4	3
35	Stability and vibration analysis of an axially moving thin walled conical shell. <i>JVC/Journal of Vibration and Control</i> , 0, , 107754632199760.	1.5	3
36	Nonlinear vibration, stability, and bifurcation analysis of axially moving and spinning cylindrical shells. <i>Mechanics Based Design of Structures and Machines</i> , 2023, 51, 4032-4062.	3.4	3

#	ARTICLE	IF	CITATIONS
37	Nonlinear dynamic behavior and bifurcation analysis of a rotating viscoelastic size-dependent beam based on non-classical theories. <i>European Physical Journal Plus</i> , 2020, 135, 1.	1.2	2
38	Analysis and suppression of the nonlinear oscillations of a continuous rotating shaft using an active time-delayed control. <i>Mechanics of Advanced Materials and Structures</i> , 2021, 28, 1978-1991.	1.5	2
39	Time-delayed control of a continuous flexible rotor via the saturation phenomenon. <i>Waves in Random and Complex Media</i> , 0, , 1-22.	1.6	2
40	Nonlinear vibrations of composite drill strings considering drill stringâ€“wellbore contact and bitâ€“rock interaction. <i>Archive of Applied Mechanics</i> , 2022, 92, 2569-2592.	1.2	2
41	Chaotic vibration reduction of vertically suspended centrifugal pumps by the effect of the mechanical design parameter on hydraulic forces. <i>International Journal on Interactive Design and Manufacturing</i> , 2020, 14, 367-379.	1.3	1
42	Non-Linear Vibrations of Composite Drill Stringsâ€“Wellbore Contact Considering Dynamics of Them at the Contact Zones. <i>Journal of Vibration Engineering and Technologies</i> , 2022, 10, 1511-1530.	1.3	1
43	Free Vibration and Stability Study of an Axially Rotating Circular Cylindrical Shell Made of Shape Memory Alloy. <i>Iranian Journal of Science and Technology - Transactions of Mechanical Engineering</i> , 2023, 47, 237-256.	0.8	1
44	Analysis of Stability and Bifurcation of an Asymmetrical Rotor. , 2015, , .		0
45	Time-delayed positive position feedback control of nonlinear vibrations of continuous rotating shafts. <i>Wave Motion</i> , 2021, 106, 102796.	1.0	0